

Date: 01/23/19

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Description Work Order Deviation		Disposition		Completed By																																																																
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LEONARDO HELICOPTERS		Supplier Concession				PAGE 1 of 2	PLANT Vergiate	
Supplier NC N.	AWC-014/00	Date	28.01.2019	AW Concession	400000079572	Purchase Order	4801861243	
P/N	6F9540V00131			Grade/Category	NC	Drawing Issue		
Part Description	PROTECTR, CCP ASSY UPPER			Batch Quantity	3,000	Defective Quantity	3,000	
AW NC	MARCO FRANCESCONI					A/C Type/Model	AW6	
Supplier	DART AEROSPACE LTD					Contract		
Defect MA01 - Items or materials different from requir - S/N S147209, S147213, S147224 * 28.01.2019 17:33:38 MARCO FRANCESCONI (39978) * SEE SUPPLIER ATTACHED DOC. AWC-014 Cause of Defect								
					Repetitiveness (same P/N - Defect Code)	NO ☐	YES ☒	Follow (1)
ENGINEERING Evaluation and Proposal								
Engineering Evaluations, including Specialist inputs: * 04.02.2019 18:46:35 MARCELLO STEFANELLI (9273) * The deviation is acceptable, as for attached, it permits to install the part as for requirement				Investigation Report n.		Compliance Report n.		
Classification of Deviation from Type Design i.a.w. EASA Part 21A.91 : Minore/B								
Defect effect					Limitations			
	Before Repair		After Repair					
Safety	☐	YES	☐	YES ☐ NO	☐ YES (to specificity) ☒ NO			
Life or Duration	☐	YES	☐	YES ☐ NO				
Strenght	☐	YES	☐	YES ☐ NO				
Performances	☐	YES	☐	YES ☐ NO				
Interchangeability	☐	YES	☐	YES ☐ NO				
Reliability	☐	YES	☐	YES ☐ NO				
Maintainability	☐	YES	☐	YES ☐ NO				
Installability	☒	YES	☐	YES ☒ NO				
Testability	☐	YES	☐	YES ☐ NO				
Only Appearance	☐	YES	☐	YES ☐ NO				
No Effect	☐	YES	☐	YES ☐ NO				
Repair Proposal: * 04.02.2019 18:46:35 MARCELLO STEFANELLI (9273) * Drill on coordinate position during installation.					Decision ☐ Use rep. with spec.repair(not yet applied) ☒ Use repaired with known repair(yet applied) ☐ Use As Is ☐ Use repaired for tests only(see Limitations) ☐ Use As Is for tests only(see Limitations) ☐ Scrap			
Concession Classification		☐ MAJOR ☒ MINOR		Re-submit after Repair		☐ YES ☒ NO		
Mark part with Concession		☒ NO ☐ YES		Method :				
ATE	MARCELLO STEFANELLI			CPE			Date	04.02.2019
Checks and tests to be performed								
Repair registration								
		with repair WO		☒		Number:		
Repair Evaluation:								
Final Decision								
S/N	Use As Is (UTI)	Use Repaired (R/L)	Scrap (SCA)	S/N	Use As Is (UTI)	Use Repaired (R/L)	Scrap (SCA)	
S147209	☒	☐	☐		☐	☐	☐	
S147213	☒	☐	☐		☐	☐	☐	
S147224	☒	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
	☐	☐	☐		☐	☐	☐	
Not Serialized	Use As Is (Q.ty)	3,000	Use Repaired (Q.ty)		Scrap (Q.ty)			
Role	AW ATE	AW CPE	Inspection Clearance Repair	Quality	Customer	MoD or Authority Representative		
Signature	MARCELLO STEFANELLI							
Date	04.02.2019							

Supplier NC N.	AWC-014/00	Date	28.01.2019	AW	400000079572	Purchase Order	4801861243
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DEFECT 0001

S/N S147209, S147213, S147224

MA01*Items or materials different from requir*

*

DEFECT CAUSES

* C41 Material did not comply with specificati

 AgustaWestland A Finmeccanica Company		CONCESSION				Pag. 1 of 2	
<i>Manuf. Doc. N.</i>	AWC-014	<i>Date</i>	Jan 25, 2019	<i>AW Doc. N.</i>	400000079572	<i>Purchase Order</i>	4801861243
<i>AW P/N</i>	6F9540V00131	<i>S/N / Batch Number</i>	SI47224 SI47209 SI47213	<i>Grade</i>	A	<i>AW Drawing Issue</i>	B
<i>Description</i>	Protector, CCP Lower Assembly			<i>Batch Q.ty</i>	3	<i>Defective Q.ty</i>	3
<i>Manufacturer</i>	Dart Aerospace LTD			<i>Model</i>	AW169		
<i>Defect(s) Description</i>							
D4857-041 (x2) , P/N 6F9540V0131, to be supplied with out the 4x Ø5.33mm / Ø.210" holes drilled per drawing but with the 4x Ø5.33mm / Ø.210" in the D4944-1 gasket The operation of drilling the 4x Ø5.33mm / Ø.210" holes to be performed by Leonardo operators on attached production permit..							
				<i>Department</i>	<i>Inspector</i>	<i>Signature</i>	<i>Date</i>
				Quality Assurance	DAS-16-9-89	P. Duval	Jan 25, 2019
<i>Defect(s) Cause</i>							
Due to issue regarding from QJ 200001282441 Dart Aerospace Drawing requirements and requirements specified in Leonardo's 3d model parts are to be supplied to Leonardo with out the Ø5.33mm / Ø.210" holes drilled per drawing D4857-041 (-1). Previous parts provided the hole pattern do not match the H/C structure							
				<i>Department</i>	<i>Inspector</i>	<i>Signature</i>	<i>Date</i>
				Quality Assurance	DAS-16-9-89	P. Duval	Jan 25, 2019
<i>Corrective Action</i>						<i>Complete Before</i>	
Dart Aerospace HBY requesting drawing update to allow hole location in D4857-041							
				<i>Department</i>	<i>Inspector</i>	<i>Signature</i>	<i>Date</i>
				Quality Assurance	DAS-16-9-89	P. Duval	Jan 25, 2019

For "MANUFACTURER" SUPPLIERS ONLY
ENGINEERING evaluation and proposal

Engineering evaluation

Investigation report

n: NCR17-6591

Compliance report

n... N/A.....

Dart Aerospace HBY requesting drawing update to allow hole location in D4857-041

Defect effects			Limitations
	Before any repair	After any repair	
	☐ yes	☐ yes ☐ no	☐ yes (specify) ☒ no
Safety	☐ yes	☐ yes ☐ no	
Life	☐ yes	☐ yes ☐ no	
Strength	☐ yes	☐ yes ☐ no	
Performances	☐ yes	☐ yes ☐ no	
Interchangeability	☐ yes	☐ yes ☐ no	
Reliability	☐ yes	☐ yes ☐ no	
Maintainability	☐ yes	☐ yes ☐ no	
Installability	☐ yes	☐ yes ☐ no	
Testability	☐ yes	☐ yes ☐ no	
Only aspect	☐ yes	☐ yes ☐ no	
Repair Proposal			Decision to use ☐ Use repaired with specific repair ☐ Use repaired with known repair ☐ Use as is ☐ Use repaired for tests (see Limitations) ☐ Use as is for tests (see Limitations) ☐ Scrap
Concession Classification	☒ Major ☐ Minor	Submit after repair	☐ yes ☐ no